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Bhubaneswar, Odisha - 751024, INDIA

11-7502: Polyclonal Antibody to GRP94

Clonality: Polyclonal

 Application :
 WB

 Reactivity :
 Human

 Gene :
 HSP90B1

 Gene ID :
 7184

 Uniprot ID :
 P14625

 Format :
 Purified

Alternative Name: HSP90B1,GRP94,TRA1

Isotype: Rabbit IgG

Immunogen Information: A partial length recombinant GRP94 protein (amino acids 420-700) was used as the immunogen

for this antibody.

Description

GRP94 (94 kDa glucose-regulated protein) is a 92 kDa protein belonging to the heat shock protein 90 family of molecular chaperones. GRP94 is mainly involved in protein folding, stabilization and refolding of denatured proteins. GRP94 has also been reported to trigger CTL expansion and maturation of human monocytes-derived dendritic cells (MDDC). GRP94 is also involved in inducing tumor and is used as a potential marker in breast cancer. GRP94 is localized in endoplasmic reticulum lumen and melanosome. GRP94 is highly expressed in melanoma or liver metastases of colon carcinoma cells and human gastric carcinoma.

Product Info

Amount : 25 μg / 100 μg

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

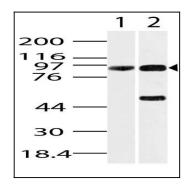


Fig-1: Western blot analysis of GRP94. Anti-GRP94 antibody (11-7502) was used at 2 μ g/ml on 1) HepG2, 2) Raji lysates.